AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-12 (Canceled)

13. (New) The yarns, fibers or filaments with antibacterial and antifungal properties, comprising at least one polymer matrix and zinc sulphide.

14. (New) The yarns, fibers or filaments according to Claim 13, having a weight proportion of zinc sulphide relative to the total weight of the composition intended to form yarns, fibers or filaments of between 0.01% and 10%.

15. (New) The yarns, fibers or filaments according to Claim 14, wherein the weight proportion of zinc sulphide is between 0.2% and 5%.

16. (New) The yarns, fibers or filaments according to Claim 13, wherein the polymer matrix is a thermoplastic matrix.

17. (New) The yarns, fibers or filaments according to Claim 16, wherein the thermoplastic matrix comprises at least one thermoplastic polymer selected from the group consisting of polyamides, polyesters, polyolefins, PVC, copolymers and blends thereof.

18. (New) The yarns, fibers or filaments according to Claim 17, wherein the thermoplastic polymer is PET, PBT, PTT, polypropylene or polyethylene.

19. (New) The yarns, fibers or filaments according to Claim 17, wherein the polyamide is polyamide 6, polyamide 6,6, polyamide 11, polyamide 12, polyamide 4,

polyamides 4-6, 6-10, 6-12, 6-36 or 12-12; copolymers and blends thereof.

20. (New) The yarns, fibers or filaments according to Claim 13, wherein the zinc sulphide is in the form of particles coated and/or encapsulated with at least one mineral and/or organic compound.

21. (New) A composite article with antibacterial and antifungal properties, comprising yarns, fibers or filaments as defined in claim 13.

22. (New) A process for manufacturing yarns, fibers or filaments with antibacterial and antifungal properties, comprising the step of spinning a composition comprising a polymer matrix and zinc sulphide.

23. (New) The process according to Claim 22, comprising the following steps:

a) placing the polymer matrix, optionally in melt form, in contact with zinc sulphide and/or a concentrated composition based on polymer matrix comprising zinc sulphide; and

b) spinning the mixture obtained in step a) so as to obtain yarns, fibers and/or filaments.

24. (New) A process for providing yarns, fibers, filaments or articles with antibacterial and antifungal properties comprising the step of adding an efficient antifungal amount of zinc sulphide in a polymer matrix for the manufacture thereof.

25. (New) An article of manufacture with antibacterial and antifungal properties, comprising at least one polymer matrix and zinc sulphide.